

EXHIBIT A

HIGHLY CONFIDENTIAL – ATTORNEYS EYES ONLY

Cisco Systems, Inc. v. Arista Networks, Inc.
Cisco's Supplemental Response to Interrogatory No. 16

EXHIBIT F

Command Expression	Author/Originator Information	Earliest Known Document	Date of Earliest Known Document	First Operating System	First Distribution Date
aaa accounting	Cisco	Cisco IOS 10.3	4/13/1995	Cisco IOS 10.3	4/13/1995
aaa accounting dot1x	Cisco	Cisco IOS 12.4(11)T	November 2006	Cisco IOS 12.4(11)T	November 2006
aaa authentication login	Cisco	Cisco IOS 10.3	April 13, 1995	Cisco IOS 10.3	April 13, 1995
aaa authorization config-commands	Cisco / Jan Vilhuber	Email	December 12, 1996	Cisco IOS 11.2	October 1996
aaa authorization console	Cisco	Cisco IOS 12.0(6)T	September 20, 1999	Cisco IOS 12.0(6)T	September 20, 1999
aaa group server radius	Cisco / Jan Vilhuber	ENG-23793 rev. A	May 5, 1998	Cisco IOS 12.0(5)T	July 27, 1999
aaa group server tacacs+	Cisco / Jan Vilhuber	ENG-23793 rev. A	May 5, 1998	Cisco IOS 12.0(5)T	July 27, 1999
address-family	Cisco / Dan Tappan	ENG-29568	March 1, 1998	Cisco IOS 12.0(5)T	July 27, 1999
aggregate-address	Cisco / Paul Traina	Source Code	December 2, 1993	Cisco IOS 10	1993
area default-cost	Cisco	Cisco IOS 10	1993	Cisco IOS 10	1993
area default-cost (OSPFv3)	Cisco / Ilse Van Hoeck	Email	June 25, 2002	NX-OS 4.0(1)	April 21, 2008
area nssa	Cisco	Cisco IOS 10	1993	Cisco IOS 10	1993
area nssa (OSPFv3)	Cisco	Cisco IOS 10.3	April 21, 2008	NX-OS 4.0(1)	April 21, 2008
area nssa default-information-originate	Cisco / Derek Yeung	ENG-7864	April 5, 1996	Cisco IOS 10	1993
area nssa default-information-originate (OSPFv3)	Cisco / Hasmit Grover	Source Code	November 7, 2005	NX-OS 4.0(1)	April 21, 2008

HIGHLY CONFIDENTIAL – ATTORNEYS EYES ONLY

HIGHLY CONFIDENTIAL – ATTORNEYS EYES ONLY

Command Expression	Author/Originator Information	Earliest Known Document	Date of Earliest Known Document	First Operating System	First Distribution Date
area nssa no-summary	Cisco	Cisco IOS 10	1993	Cisco IOS 10	1993
area nssa translate type7 always	Cisco / Anton Smirnov	Cisco IOS 12.2(15)T	March 17, 2003	Cisco IOS 12.2(15)T	March 17, 2003
area nssa translate type7 always (OSPFv3)	Cisco / Anton Smirnov	Cisco IOS 12.2(15)T	March 17, 2003	NX-OS 4.0(1)	April 21, 2008
area range	Cisco	Cisco IOS 10	1993	Cisco IOS 10	1993
area range (OSPFv3)	Cisco / Hasmit Grover	Source Code	November 7, 2005	NX-OS 4.0(1)	April 21, 2008
area stub	Cisco	Cisco IOS 10	1993	Cisco IOS 10	1993
area stub (OSPFv3)	Cisco / Hasmit Grover	Source Code	November 7, 2005	NX-OS 4.0(1)	April 21, 2008
arp timeout	Cisco / Kirk Lougheed	Cisco IOS 10	1993	Cisco IOS 10	1993
banner login	Cisco / Kirk Lougheed	Cisco IOS 10	1993	Cisco IOS 10	1993
banner motd	Cisco / Kirk Lougheed	Cisco IOS 10	1993	Cisco IOS 10	1993
bfd all-interfaces	Cisco / Abhay Roy	EDCS-373194	May 1, 2004	Cisco IOS 12.2(18)SXE	April 11, 2005
bgp client-to-client reflection	Cisco	Cisco IOS 11.1	March 1996	Cisco IOS 11.1	March 1996
bgp cluster-id	Cisco	Cisco IOS 11	September 18, 1995	Cisco IOS 11	September 18, 1995
bgp confederation identifier	Cisco	Cisco IOS 10.3	April 13, 1995	Cisco IOS 10.3	April 13, 1995
bgp confederation peers	Cisco	Cisco IOS 10.3	April 13, 1995	Cisco IOS 10.3	April 13, 1995
bgp listen limit	Cisco / Satish Mynam	Email	February 12, 2007	Cisco IOS 12.2(33)SXH	August 21, 2007
bgp log-neighbor-changes	Cisco / Enke Chen	Source Code	May 29, 1998	Cisco IOS 11.1CC	November 30, 1998

HIGHLY CONFIDENTIAL – ATTORNEYS EYES ONLY

HIGHLY CONFIDENTIAL – ATTORNEYS EYES ONLY

Command Expression	Author/Originator Information	Earliest Known Document	Date of Earliest Known Document	First Operating System	First Distribution Date
bgp redistribute internal	Cisco	Cisco IOS 12.1	March 30, 2000	Cisco IOS 12.1	March 30, 2000
boot system	Cisco / Kirk Lougheed	AGS User Manual v6.0	March 12, 1987	ASM/AGS 6	May 28, 1987
channel-group	Cisco	Cisco IOS 11.3MA	February 1998	Cisco IOS 11.3MA	February 1998
class-map type control-plane	Cisco / Arun Kumar B	Source Code	September 24, 2007	NX-OS 4.0(1)	April 21, 2008
clear arp-cache	Cisco / Kirk Lougheed	ASM/AGS User Manual v5.2	July 20, 1986	ASM/AGS 5.2	July 20, 1986
clear counters	Cisco / Joel Bion	Cisco IOS 10	1993	Cisco IOS 10	1993
clear ip arp	Cisco / Kirk Lougheed	NX-OS 4.0(1)	April 21, 2008	NX-OS 4.0(1)	April 21, 2008
clear ip bgp	Cisco / Kirk Lougheed	Cisco IOS 10	1993	Cisco IOS 10	1993
clear ip igmp group	Cisco / Dino Farinacci	Cisco IOS 10	1993	Cisco IOS 10	1993
clear ip mfb fastdrop	Cisco	Cisco IOS 12.1(8a)EW	January 16, 2002	Cisco IOS 12.1(8a)EW	January 16, 2002
clear ip mroute	Cisco / Dino Farinacci	Cisco IOS 10	1993	Cisco IOS 10	1993
clear ip msdp sa-cache	Cisco	Cisco IOS 12.0(7)T	December 13, 1999	Cisco IOS 12.0(7)T	December 13, 1999
clear ip nat translation	Cisco / Andy Hefferman	Email	April 9, 1996	Cisco IOS 11.2	October 1996
clear ip ospf neighbor	Cisco / Cisco	Cisco IOS 11.1	March 1996	Cisco IOS 11.1	March 1996
clear ipv6 neighbors	Cisco / Pedro Marques, Ole Troan	ENG-66740, Change logs Email	May 14, 1997	Cisco IOS 12.2(2)T	May 25, 2001
clear ipv6 ospf force-spf	Cisco / Alun Evans, George Millard	Change logs	October 9, 2002	Cisco IOS 12.0(24)S	August 26, 2003

HIGHLY CONFIDENTIAL – ATTORNEYS EYES ONLY

HIGHLY CONFIDENTIAL – ATTORNEYS EYES ONLY

Command Expression	Author/Originator Information	Earliest Known Document	Date of Earliest Known Document	First Operating System	First Distribution Date
clear lldp counters	Cisco / Devadas Patil	Email	December 27, 2005	Cisco IOS 12.2(33)SXH	August 21, 2007
clear lldp table	Cisco / Devadas Patil	Email	December 27, 2005	Cisco IOS 12.2(33)SXH	August 21, 2007
clear mac-address-table-dynamic	Cisco / Alan Liebthal	Email	May 19, 1998	Cisco IOS 12.2(2)XT	December 3, 2001
clear spanning-tree counters	Cisco/ François Tallet	ENG-103148	April 10, 2002	NX-OS 4	April 3, 2008
clock set	Cisco / Ronnie Kon	Source Code	January 15, 1994	Cisco IOS 10	1993
clock timezone	Cisco / Ronnie Kon	Source Code	January 15, 1994	Cisco IOS 10	1993
control-plane	Cisco / Wayne Ogozaly, Mike Keohane, Chuck Smethurst, Rajiv Raghunarayan	EDCS-216047	July 19, 2002	Cisco IOS 12.2(18)S	August 21, 2003
default-information originate (OSPF)	Cisco	Cisco IOS 10	1993	Cisco IOS 10	1993
default-information originate (OSPFv3)	Cisco / Ilse Van Hoeck	Email	June 25, 2002	Cisco IOS 15.1(3)S	July 25, 2011
default-metric (OSPF)	Cisco	Gateway Server Reference Manual Rev. B	January 10, 1988	Cisco IOS 10	1993
default-metric (OSPFv3)	Cisco / Ilse Van Hoeck	Email	June 25, 2002	Cisco IOS 12.2(15)T	March 17, 2003
distance bgp	Cisco / Kirk Lougheed	Cisco IOS 10	1993	Cisco IOS 10	1993
domain-id	Cisco / Vince Deters	ENG-48920 v3	December 16, 1999	Cisco IOS 12.1(5)T	October 3, 2000
dot1x max-reauth-req	Cisco	Cisco IOS 12.2(18)SE	February 2004	Cisco IOS 12.2(18)SE	February 2004
dot1x pae authenticator	Cisco / Mandeep Rohilla	Email	February 3, 2004	Cisco IOS 12.3(11)T	September 20, 2004
dot1x port-control	Cisco / V.N. Ramesh Ponnappalli	Email	May 21, 2001	Cisco IOS 12.1(6)EA2	December 19, 2001

HIGHLY CONFIDENTIAL – ATTORNEYS EYES ONLY

HIGHLY CONFIDENTIAL – ATTORNEYS EYES ONLY

Command Expression	Author/Originator Information	Earliest Known Document	Date of Earliest Known Document	First Operating System	First Distribution Date
dot1x reauthentication	Cisco / V.N. Ramesh Ponnappalli	Email	May 21, 2001	Cisco IOS 12.2(14)SX	April 14, 2003
dot1x system-auth-control	Cisco / V.N. Ramesh Ponnappalli	Email	May 21, 2001	Cisco IOS 12.3(2)XA	August 11, 2003
dot1x timeout quiet-period	Cisco / V.N. Ramesh Ponnappalli	Email	May 22, 2001	Cisco IOS 12.2(14)SX	April 14, 2003
dot1x timeout reauth-period	Cisco / V.N. Ramesh Ponnappalli	Email	May 24, 2001	Cisco IOS 12.2(25)SEC	May 3, 2006
dot1x timeout tx-period	Cisco / V.N. Ramesh Ponnappalli	Email	May 22, 2001	Cisco IOS 12.2(14)SX	April 14, 2003
enable secret	Cisco / David Carrel	ENG-4972	March 6, 1995	Cisco IOS 11	September 18, 1995
erase startup config	Cisco	Cisco IOS 11	September 18, 1995	Cisco IOS 11	September 18, 1995
errdisable detect cause link-flap	Cisco / Narendranath Mididaddi	Source Code	April 14, 2003	Cisco IOS 12.2(14)SX	April 14, 2003
errdisable recovery cause	Cisco / Narendranath Mididaddi	Email	January 13, 2000	Cisco IOS 12.2(14)SX	April 14, 2003
errdisable recovery interval	Cisco / Narendranath Mididaddi	Email	January 13, 2000	Cisco IOS 12.2(14)SX	April 14, 2003
flowcontrol receive	Cisco / David Truong	Source Code	October 18, 2000	Cisco IOS 12.2(14)SX	April 14, 2003
flowcontrol send	Cisco / David Truong	Source Code	October 18, 2000	Cisco IOS 12.2(14)SX	April 14, 2003
interface ethernet	Cisco / Kirk Lougheed	ASM Reference Manual v6.0	April 9, 1987	NX-OS 4	April 3, 2008
interface loopback	Cisco / Kirk Lougheed	Cisco IOS 10	1993	Cisco IOS 10	1993
interface port-channel	Cisco / Ravi Varanasi	Email	July 10, 1997	Cisco IOS 11.1CA	December 3, 1998
interface vlan	Cisco / Carl Schaefer	Email	January 15, 1997	Cisco IOS 11.3(5)T	August 13, 1998
ip access-group	Cisco / Greg Christy	ENG-7363	February 28, 1996	Release 7.0/7.1	April 24, 1989
ip access-list	Cisco / Kirk Lougheed	Cisco IOS 11.2	October 1996	Cisco IOS 11.2	October 1996

HIGHLY CONFIDENTIAL – ATTORNEYS EYES ONLY

HIGHLY CONFIDENTIAL – ATTORNEYS EYES ONLY

Command Expression	Author/Originator Information	Earliest Known Document	Date of Earliest Known Document	First Operating System	First Distribution Date
ip access-list standard	Cisco / Kirk Lougheed	Cisco IOS 11.2	October 1996	Cisco IOS 11.2	October 1996
ip address	Cisco / Kirk Lougheed	Gateway Server Update	April 24, 1989	Release 7.0/7.1	April 24, 1989
ip as-path access-list	Cisco / Dave Hampton	Source Code	October 7, 1993	Cisco IOS 10	1993
ip community-list expanded	Cisco / Rex Fernando	Cisco IOS 10.3	April 13, 1995	Cisco IOS 10.3	April 13, 1995
ip community-list standard	Cisco / Rex Fernando	Cisco IOS 10.3	April 13, 1995	Cisco IOS 10.3	April 13, 1995
ip dhcp smart-relay	Cisco / Jayadev Kumarasamy	Source Code	June 23, 2000	Cisco IOS 12.1	March 30, 2000
ip dhcp smart-relay global	Cisco / Raghunatha Reddy P	Source Code, EDCS-868881	May 12, 2010	NX-OS 5.2(1)	July 29, 2011
ip dhcp snooping	Cisco / Dehua Huang, Adam Sweeney, Richard Johnson	EDCS-194356 rev. A	April 29, 2002	Cisco IOS 12.2(18)SXE	April 11, 2005
ip dhcp snooping information option	Cisco / Dehua Huang, Adam Sweeney, Richard Johnson	EDCS-194356 rev. A	April 29, 2002	Cisco IOS 12.2(18)SXE	April 11, 2005
ip dhcp snooping vlan	Cisco / Dehua Huang, Adam Sweeney, Richard Johnson	EDCS-194356 rev. A	April 29, 2002	Cisco IOS 12.2(18)SXE	April 11, 2005
ip domain lookup	Cisco / Kirk Lougheed	Cisco IOS 10	1993	Cisco IOS 10	1993
ip domain-name	Cisco / Kirk Lougheed	Cisco IOS 10	1993	Cisco IOS 10	1993
ip extcommunity-list expanded	Cisco / Robert Albrightson	Source Code	March 30, 2000	Cisco IOS 12.1	March 30, 2000
ip extcommunity-list standard	Cisco / Rex Fernando	Source Code	March 30, 2000	Cisco IOS 12.1	March 30, 2000

HIGHLY CONFIDENTIAL – ATTORNEYS EYES ONLY

HIGHLY CONFIDENTIAL – ATTORNEYS EYES ONLY

Command Expression	Author/Originator Information	Earliest Known Document	Date of Earliest Known Document	First Operating System	First Distribution Date
ip helper-address	Cisco / Kirk Lougheed	Gateway Server Update	April 24, 1989	Release 7.0/7.1	April 24, 1989
ip host	Cisco / Kirk Lougheed	Gateway Server 8.0 Release Note	November 7, 1989	Release 8.0	November 7, 1989
ip http client source-interface	Cisco / Anand Iyer	Source Code	March 1, 2004	Cisco IOS 12.3(7)T	March 1, 2004
ip icmp redirect	Cisco / Jorge Serpa	Email	January 7, 1999	Cisco IOS 12	September 1998
ip igmp last-member-query-count	Cisco / Padmini Misra	Source Code	March 30, 2000	Cisco IOS 12.1	March 30, 2000
ip igmp last-member-query-interval	Cisco / Liming Wei	Email	May 17, 1999	Cisco IOS 12.1	March 30, 2000
ip igmp query-interval	Cisco	Cisco IOS 10.2	October 4, 1994	Cisco IOS 10.2	October 4, 1994
ip igmp query-max-response-time	Cisco / Manoj Leelanivas	Source Code	March 1996	Cisco IOS 11.1	March 1996
ip igmp snooping	Cisco / Ken Smith	Email Source Code	January 5, 1999	Cisco IOS 12.0(5.2)WC(1)	April 2001
ip igmp snooping querier	Cisco / David Truong	Source Code	December 20, 2001	Cisco IOS 12.2(14)SX	April 14, 2003
ip igmp snooping vlan	Senthil Arunachalam	Email Source Code	August 2, 2000	Cisco IOS 12.0(5.2)WC(1)	April 2001
ip igmp snooping vlan immediate-leave	Cisco / David Truong	Source Code	December 18, 2001	Cisco IOS 12.0(5.2)WC(1)	April 2001
ip igmp snooping vlan mrouter	Cisco / David Truong	Source Code	December 18, 2001	Cisco IOS 12.0(5.2)WC(1)	April 2001
ip igmp snooping vlan static	Cisco / David Truong	Source Code	December 18, 2001	Cisco IOS 12.0(5.2)WC(1)	April 2001

HIGHLY CONFIDENTIAL – ATTORNEYS EYES ONLY

HIGHLY CONFIDENTIAL – ATTORNEYS EYES ONLY

Command Expression	Author/Originator Information	Earliest Known Document	Date of Earliest Known Document	First Operating System	First Distribution Date
ip igmp startup-query-count	Cisco / Raghava Sivaramu	Source Code	February 11, 2008	NX-OS 4.0(1)	April 21, 2008
ip igmp startup-query-interval	Cisco / Raghava Sivaramu	Source Code	February 11, 2008	NX-OS 4.0(1)	April 21, 2008
ip igmp static-group	Cisco / Manoj Leelanivas	Source Code	January 19, 1997	Cisco IOS 11.2	October 1996
ip igmp version	Cisco / John Zwiebel	Source Code	March 1996	Cisco IOS 11.1	March 1996
ip load-sharing	Cisco / Anthony Li	Email	January 19, 1996	Cisco IOS 11.2GS	July 17, 1998
ip local-proxy-arp	Cisco	Cisco IOS 12.1(5c)EX	March 13, 2001	Cisco IOS 12.1(5c)EX	March 13, 2001
ip msdp cache-sa-state	Cisco / David Truong	Source Code	August 8, 1999	Cisco IOS 12.0(7)T	December 13, 1999
ip msdp default-peer	Cisco / David Truong	Source Code	August 27, 1999	Cisco IOS 12.0(7)T	December 13, 1999
ip msdp description	Cisco / Ishan Wu	Email	March 3, 1999	Cisco IOS 12.0(7)T	December 13, 1999
ip msdp group-limit	Cisco / Nataraj Bachthu	Source Code	April 29, 2005	NX-OS 4.0(1)	April 21, 2008
ip msdp keepalive	Cisco / Ishan Wu	Source Code	July 9, 2001	Cisco IOS 12.1(8a)E4	September 5, 2001
ip msdp mesh-group	Cisco / Dino Farinacci	Source Code	December 13, 1999	Cisco IOS 12.0(7)T	December 13, 1999
ip msdp originator-id	Cisco / David Truong	Source Code	August 27, 1999	Cisco IOS 12.0(7)T	December 13, 1999
ip msdp peer	Cisco / David Truong	Source Code	August 9, 1999	Cisco IOS 12.0(7)T	December 13, 1999
ip msdp sa-filter in	Cisco / David Truong	Source Code	March 7, 2000	Cisco IOS 12.0(7)T	December 13, 1999
ip msdp sa-filter out	Cisco / David Truong	Source Code	March 7, 2000	Cisco IOS 12.0(7)T	December 13, 1999
ip msdp sa-limit	Cisco / Ishan Wu	Source Code	January 23, 2001	Cisco IOS 12.1(7)	January 30, 2001
ip msdp shutdown	Cisco / Ishan Wu	Email	March 3, 1999	Cisco IOS 12.0(7)T	December 13, 1999
ip msdp timer	Cisco / Ishan Wu	Source Code	July 6, 2001	Cisco IOS 12.1(8a)E4	September 5, 2001

HIGHLY CONFIDENTIAL – ATTORNEYS EYES ONLY

HIGHLY CONFIDENTIAL – ATTORNEYS EYES ONLY

Command Expression	Author/Originator Information	Earliest Known Document	Date of Earliest Known Document	First Operating System	First Distribution Date
ip multicast boundary	Cisco/ Toerless Eckert	Cisco IOS 11.1	March 1996	Cisco IOS 11.1	March 1996
ip multicast-routing	Cisco / Mark Baushke	Source Code	July 9, 1994	Cisco IOS 10	1993
ip name-server	Cisco / Kirk Lougheed	Release 8.0 Beta Notes	September 14, 1989	Release 8.0	September 14, 1989
ip nat pool	Cisco / Andy Hefferman	Email	April 9, 1996	Cisco IOS 11.2	October 1996
ip nat translation tcp-timeout	Cisco / Andy Hefferman	Email	April 9, 1996	Cisco IOS 11.2	October 1996
ip nat translation udp-timeout	Cisco / Andy Hefferman	Email	April 9, 1996	Cisco IOS 11.2	October 1996
ip ospf authentication	Cisco / Abhay Roy	Source Code	September 1998	Cisco IOS 12	September 1998
ip ospf authentication-key	Cisco	Cisco IOS 10	1993	Cisco IOS 10	1993
ip ospf bfd	Cisco / Abhay Roy	EDCS-373194	May 1, 2004	Cisco IOS 12.2(18)SXE	April 11, 2005
ip ospf cost	Cisco	Release 9.0 Notes	1992	Release 9.0	1992
ip ospf dead-interval	Cisco	Release 9.0 Notes	1992	Release 9.0	1992
ip ospf hello-interval	Cisco	Release 9.0 Notes	1992	Release 9.0	1992
ip ospf message-digest-key	Cisco	Cisco IOS 11	September 18, 1995	Cisco IOS 11	September 18, 1995
ip ospf name-lookup	Cisco	Cisco IOS 10	1993	Cisco IOS 10	1993
ip ospf network	Cisco	Cisco IOS 10	1993	Cisco IOS 10	1993
ip ospf priority	Cisco	Release 9.0 Notes	1992	Release 9.0	1992
ip ospf retransmit-interval	Cisco	Release 9.0 Notes	1992	Release 9.0	1992

HIGHLY CONFIDENTIAL – ATTORNEYS EYES ONLY

HIGHLY CONFIDENTIAL – ATTORNEYS EYES ONLY

Command Expression	Author/Originator Information	Earliest Known Document	Date of Earliest Known Document	First Operating System	First Distribution Date
ip ospf shutdown	Cisco / Shubhra Bhargava	EDCS-315091 v5	September 19, 2006	Cisco IOS 12.2(33)SRC	January 14, 2008
ip ospf transmit-delay	Cisco	Release 9.0 Notes	1992	Release 9.0	1992
ip pim anycast-rp	Cisco / Nataraj Bacthu	Source Code	April 29, 2005	NX-OS 4.0(1)	April 21, 2008
ip pim bfd	Cisco / Deepak Dayama	Source Code	November 11, 2009	NX-OS 5.0(2)	May 24, 2010
ip pim bfd-instance	Cisco / Nataraj Bacthu	Source Code	March 1, 2010	NX-OS 5.0(2)	May 24, 2010
ip pim bsr-border	Cisco	Cisco IOS 11.3T	December 15, 1997	Cisco IOS 11.3T	December 15, 1997
ip pim bsr-candidate	Cisco / Liming Wei	ENG-12945	April 3, 1997	Cisco IOS 11.3T	December 15, 1997
ip pim dr-priority	Cisco / David Truong	Source Code	April 26, 2000	Cisco IOS 12.1(2)T	April 26, 2000
ip pim log-neighbor-changes	Cisco / David Truong	Source code	January 20, 2005	Cisco IOS 12.4(24)T	February 2009
ip pim neighbor-filter	Chris White	ENG-11703 rev. A	January 22, 1997	Cisco IOS 11.3	December 1997
ip pim query-interval	Cisco	Cisco IOS 10	1993	Cisco IOS 10	1993
ip pim register-source	Cisco / Toerless Eckert	Change log	July 12, 2001	Cisco IOS 12.0(8)T	December 13, 1999 - April 26, 2005
ip pim rp-address	Cisco	Cisco IOS 10.2	October 4, 1994	Cisco IOS 10.2	October 4, 1994
ip pim rp-candidate	Cisco / Liming Wei	ENG-12945	April 3, 1997	Cisco IOS 11.3T	December 15, 1997
ip pim sparse-mode	Cisco	Cisco IOS 10	1993	Cisco IOS 10	1993
ip pim spt-threshold	Cisco	Cisco IOS 11.1	March 1996	Cisco IOS 11.1	March 1996
ip pim spt-threshold group-list	Cisco	Cisco IOS 11.1	March 1996	Cisco IOS 11.1	March 1996
ip pim ssm range	Cisco / Nidhi Baskar	ENG-56717 v1.0	February 24, 2000	Cisco IOS 12.1(3)T	July 27, 2000

HIGHLY CONFIDENTIAL – ATTORNEYS EYES ONLY

HIGHLY CONFIDENTIAL – ATTORNEYS EYES ONLY

Command Expression	Author/Originator Information	Earliest Known Document	Date of Earliest Known Document	First Operating System	First Distribution Date
ip prefix-list	Cisco / David Truong	Source Code	June 6, 1998	Cisco IOS 12.0(3)T	January 21, 1999
ip protocol	Cisco	Cisco IOS 12.0(23)S	August 26, 2003	Cisco IOS 12.0(23)S	August 26, 2003
ip proxy-arp	Cisco / Kirk Lougheed	Release 8.0 Beta Notes	September 14, 1989	Release 8.0	September 14, 1989
ip radius source-interface	Cisco	Cisco IOS 11.3	December 1997	Cisco IOS 11.3	December 1997
ip rip v2-broadcast	Cisco / Doug Weismann	Source Code	December 2, 1995	Cisco IOS 12.1(5)T	October 3, 2000
ip route	Cisco / Kirk Lougheed	Release 8.0 Beta Notes	September 14, 1989	Release 8.0	September 14, 1989
ip routing	Cisco / Kirk Lougheed	Gateway Server Update	April 24, 1989	Release 7.0/7.1	April 24, 1989
ip tacacs source-interface	Cisco	Cisco IOS 10	1993	Cisco IOS 10	1993
ip-community-list standard	Cisco / Rex Fernando	Cisco IOS 10.3	April 13, 1995	Cisco IOS 10.3	April 13, 1995
ipv6 access-list	Cisco / Pedro Marques,Ole Troan	Change logs, ENG-66740, Email	May 14, 1997	Cisco IOS 12.2(2)T	May 25, 2001
ipv6 address	Cisco / Pedro Marques, Ole Troan	Change logs, ENG-66740, Email	May 14, 1997	Cisco IOS 12.2(2)T	May 25, 2001
ipv6 dhcp relay destination	Cisco / Jun Xie	Email	February 19, 2004	Cisco IOS 12.3(11)T	September 20, 2004
ipv6 enable	Cisco / Pedro Marques, Ole Troan	ENG-66740, Email Change logs	May 14, 1997	Cisco IOS 12.2(2)T	May 25, 2001

HIGHLY CONFIDENTIAL – ATTORNEYS EYES ONLY

HIGHLY CONFIDENTIAL – ATTORNEYS EYES ONLY

Command Expression	Author/Originator Information	Earliest Known Document	Date of Earliest Known Document	First Operating System	First Distribution Date
ipv6 host	Cisco / Pedro Marques, David Truong	Change logs	May 14, 1997	Cisco IOS 12.2(2)T	May 25, 2001
ipv6 access-group	Cisco / Minglei Yang	Source Code	November 20, 2006	Cisco IOS 12.4(9)XG	November 20, 2006
ipv6 nd managed-config-flag	Cisco / Pedro Marques,David Truong	ENG-66740, Change logs	May 14, 1997	Cisco IOS 12.2(2)T	May 25, 2001
ipv6 nd ns-interval	Cisco / Pedro Marques, David Truong	ENG-66740, Email, Change logs	May 14, 1997	Cisco IOS 12.2(2)T	May 25, 2001
ipv6 nd other-config-flag	Cisco / Pedro Marques,David Truong	ENG-66740 Change logs	May 14, 1997	Cisco IOS 12.2(2)T	May 25, 2001
ipv6 nd prefix	Cisco / Alun Evans	Change logs	April 29. 2002	Cisco IOS 12.2(13)T	November 25, 2002
ipv6 nd ra interval	Cisco / Ole Troan	ENG-66740 Email	February 4, 2000	Cisco IOS 12.4(2)T	June 27, 2005
ipv6 nd ra lifetime	Cisco / Ole Troan	ENG-66740 Email	February 4, 2000	Cisco IOS 12.4(2)T	June 27, 2005
ipv6 nd ra suppress	Cisco/Tim Gleeson	Change logs	November 4, 2004	Cisco IOS 12.4(2)T	June 27, 2005
ipv6 nd reachable-time	Cisco/Pedro Marques	ENG-66740 Change logs	May 14, 1997	Cisco IOS 12.2(2)T	May 25, 2001
ipv6 nd router-preference	Cisco / Tim Gleeson	Email	May 12, 2004	Cisco IOS 12.4(2)T	June 27, 2005
ipv6 neighbor	Cisco / Alun Evans, Ilse Van Hoeck	Change logs	April 9, 2002	Cisco IOS 12.2(8)T	February 25, 2002
ipv6 ospf area	Cisco / Abhay Roy	ENG-112494 rev. B	August 31, 2001	Cisco IOS 12.0(24)S	August 26, 2003
ipv6 ospf cost	Cisco / Abhay Roy	ENG-112494 rev. B	August 31, 2001	Cisco IOS 12.0(24)S	August 26, 2003
ipv6 ospf dead-interval	Cisco / Abhay Roy	ENG-112494 rev. B	August 31, 2001	Cisco IOS 12.0(24)S	August 26, 2003

HIGHLY CONFIDENTIAL – ATTORNEYS EYES ONLY

HIGHLY CONFIDENTIAL – ATTORNEYS EYES ONLY

Command Expression	Author/Originator Information	Earliest Known Document	Date of Earliest Known Document	First Operating System	First Distribution Date
ipv6 ospf hello-interval	Cisco / Abhay Roy	ENG-112494 rev. B	August 31, 2001	Cisco IOS 12.0(24)S	August 26, 2003
ipv6 ospf network	Cisco / Abhay Roy	ENG-112494 rev. B	August 31, 2001	Cisco IOS 12.0(24)S	August 26, 2003
ipv6 ospf priority	Cisco / Abhay Roy	ENG-112494 rev. B	August 31, 2001	Cisco IOS 12.0(24)S	August 26, 2003
ipv6 ospf retransmit-interval	Cisco / Abhay Roy	ENG-112494 rev. B	August 31, 2001	Cisco IOS 12.0(24)S	August 26, 2003
ipv6 ospf transmit-delay	Cisco / Abhay Roy	ENG-112494 rev. B	August 31, 2001	Cisco IOS 12.0(24)S	August 26, 2003
ipv6 prefix-list	Cisco / Ole Troan	ENG-112494 rev. B	February 4, 2000	Cisco IOS 12.2(2)T	May 25, 2001
ipv6 route	Cisco / Pedro Marques, Ole Troan	ENG-66740 Email Change logs	May 14, 1997	Cisco IOS 12.2(2)T	May 25, 2001
ipv6 router ospf	Cisco / Ole Troan	ENG-66740 Email	February 4, 2000	Cisco IOS 12.0(24)S	August 26, 2003
ipv6 unicast-routing	Cisco / Pedro Marques, Abhay Roy	ENG-66740 Change logs	May 214, 197	Cisco IOS 12.2(2)T	May 25, 2001
isis hello-interval	Cisco	Cisco IOS 10	1993	Cisco IOS 10	1993
isis hello-multiplier	Cisco	Cisco IOS 10	1993	Cisco IOS 10	1993
isis lsp-interval	Cisco	Cisco IOS 11.1	March 1996	Cisco IOS 11.1	March 1996
isis metric	Cisco	Cisco IOS 10	1993	Cisco IOS 10	1993
isis passive	Cisco / Ayan Banerjee	Source Code	March 26, 2007	NX-OS 4.0(1)	April 21, 2008
isis passive-interface	Cisco / Sri Mohana Satya Srinivas	Source Code	November 7, 2012	NX-OS 6.2(2)	August 22, 2013
isis priority	Cisco	Cisco IOS 10	1993	Cisco IOS 10	1993
is-type	Cisco	Cisco IOS 10.3	April 13, 1995	Cisco IOS 10.3	April 13, 1995

HIGHLY CONFIDENTIAL – ATTORNEYS EYES ONLY

HIGHLY CONFIDENTIAL – ATTORNEYS EYES ONLY

Command Expression	Author/Originator Information	Earliest Known Document	Date of Earliest Known Document	First Operating System	First Distribution Date
lacp port-priority	Cisco / Massimiliano Ardica, Saci Nambakkam, Edward Pham	ENG-120379	October 20, 2001	Cisco IOS 12.1(13)EW	December 23, 2002
lacp rate	Cisco / Dan Hall	Email	October 18, 2005	Cisco IOS 12.2(18)SXF2	January 20, 2006
lacp system-priority	Cisco / Massimiliano Ardica, Saci Nambakkam, Edward Pham	ENG-120379	October 20, 2001	Cisco IOS 12.1(13)EW	December 23, 2002
link state group	Cisco / Yogesh Kaushik	Email	October 29, 2004	Cisco IOS 15.1(1)S	November 23, 2010
link state track	Cisco / Sankar Nagarajan	Source Code, EDCS-858309	March 18, 2010	Cisco IOS 15.1(1)S	November 23, 2010
lldp holdtime	Cisco / Devadas Patil	Email	December 27, 2005	Cisco IOS 12.2(37)SE	August 8, 2007
lldp receive	Cisco / Devadas Patil	Email	December 27, 2005	Cisco IOS 12.2(33)SXH	August 21, 2007
lldp reinit	Cisco / Devadas Patil	Email	December 27, 2005	Cisco IOS 12.2(37)SE	August 8, 2007
lldp run	Cisco / Devadas Patil	Email	December 27, 2005	Cisco IOS 12.2(37)SE	August 8, 2007
lldp timer	Cisco / Devadas Patil	Email	December 27, 2005	Cisco IOS 12.2(37)SE	August 8, 2007
lldp tlv-select	Cisco / Devadas Patil	Email	December 27, 2005	Cisco IOS 12.2(37)SE	August 8, 2007
lldp transmit	Cisco / Devadas Patil	Email	December 27, 2005	Cisco IOS 12.2(33)SXH	August 21, 2007
load-interval	Cisco	Cisco IOS 10.3	April 13, 1995	Cisco IOS 10.3	April 13, 1995
log-adjacency-changes	Cisco	Cisco IOS 12.1	March 30, 2000	Cisco IOS 12.1	March 30, 2000
log-adjacency-changes (IS-IS)	Cisco / Lev Shvarts	Source Code	January 25, 2008	NX-OS 4.0(1)	April 21, 2008

HIGHLY CONFIDENTIAL – ATTORNEYS EYES ONLY

HIGHLY CONFIDENTIAL – ATTORNEYS EYES ONLY

Command Expression	Author/Originator Information	Earliest Known Document	Date of Earliest Known Document	First Operating System	First Distribution Date
log-adjacency-changes (OSPFv3)	Cisco / Abhay Roy	ENG-112494 rev. B	August 31, 2001	Cisco IOS 15.1(3)S	July 25, 2011
logging host	Cisco	Cisco IOS 10	1993	Cisco IOS 10	1993
mac access-group	Cisco / Vithal Shirodkar	Email	September 5, 2001	Cisco IOS 12.0(32)S	January 18, 2006
mac access-list	Cisco / Rituparna Agrawal	Source Code	May 16, 2006	NX-OS 4.0(1)	April 21, 2008
mac-address	Cisco	Cisco IOS 10	1993	Cisco IOS 10	1993
mac-address-table aging-time	Cisco / Alan Liebthal	Email	May 19, 1998	Cisco IOS 12.0(7)XE	December 27, 1999
mac-address-table static	Cisco / Alan Liebthal	Email	May 19, 1998	Cisco IOS 12.0(7)XE	December 27, 1999
max-connections	Cisco	Cisco IOS 12.2(8)T	February 25, 2002	Cisco IOS 12.2(8)T	February 25, 2002
maximum-paths	Cisco / Anthony Li	Source Code	July 1, 1995	Cisco IOS 12.2(8)T	February 25, 2002
maximum-paths (OSPFv3)	Cisco / Abhay Roy	ENG-112494 rev. B	August 31, 2001	Cisco IOS 15.1(3)S	July 25, 2011
neighbor activate	Cisco	Cisco IOS 11	September 18, 1995	Cisco IOS 11	September 18, 1995
neighbor allowas-in	Cisco	Cisco IOS 12.0(7)T	December 13, 1999	Cisco IOS 12.0(7)T	December 13, 1999
neighbor default-originate	Cisco	Cisco IOS 11	September 18, 1995	Cisco IOS 11	September 18, 1995
neighbor description	Cisco	Cisco IOS 11.3	December 1997	Cisco IOS 11.3	December 1997
neighbor ebgp-multipath	Cisco	Cisco IOS 10	1993	Cisco IOS 10	1993
neighbor fall-over bfd	Cisco	Cisco IOS 12.2(33)SRA	June 19, 2006	Cisco IOS 12.2(33)SRA	June 19, 2006
neighbor local-as	Cisco / David Truong	Source Code	May 24, 1999	Cisco IOS 12.0(5)S	July 13, 1999
neighbor next-hop-self	Cisco	Cisco IOS 10	1993	Cisco IOS 10	1993

HIGHLY CONFIDENTIAL – ATTORNEYS EYES ONLY

HIGHLY CONFIDENTIAL – ATTORNEYS EYES ONLY

Command Expression	Author/Originator Information	Earliest Known Document	Date of Earliest Known Document	First Operating System	First Distribution Date
neighbor password	Cisco	Cisco IOS 11	September 18, 1995	Cisco IOS 11	September 18, 1995
neighbor peer-group (assigning members)	Cisco	Cisco IOS 11	September 18, 1995	Cisco IOS 11	September 18, 1995
neighbor peer-group (creating)	Cisco	Cisco IOS 11	September 18, 1995	Cisco IOS 11	September 18, 1995
neighbor remote-as	Cisco	Cisco IOS 10	1993	Cisco IOS 10	1993
neighbor remove-private-as	Cisco	Cisco IOS 10.3	April 13, 1995	Cisco IOS 10.3	April 13, 1995
neighbor route-map	Cisco	Cisco IOS 10	1993	Cisco IOS 10	1993
neighbor route-reflector-client	Cisco	Cisco IOS 11.1	March 1996	Cisco IOS 11.1	March 1996
neighbor send-community	Cisco	Cisco IOS 10.3	April 13, 1995	Cisco IOS 10.3	April 13, 1995
neighbor shutdown	Cisco / Enke Chen	Source Code	May 28, 1998	Cisco IOS 12	September 1998
neighbor soft-reconfiguration	Cisco / Karl Klashinsky	Cisco IOS 11.2	October 1996	Cisco IOS 11.2	October 1996
neighbor timers	Cisco / Enke Chen	Source Code	November 17, 1997	Cisco IOS 12	September 1998
neighbor transport connection-mode	Cisco / Daniel Walton	Source Code	February 19, 2004	Cisco IOS 12.4	May 2, 2005
neighbor update-source	Cisco	Cisco IOS 10	1993	Cisco IOS 10	1993
neighbor weight	Cisco	Release 8.0 Beta Notes	September 14, 1989	Cisco IOS 10	1993
network area	Cisco	Cisco IOS 10	1993	Cisco IOS 10	1993
no snmp-server	Cisco / Kirk Lougheed	Release 7.0/7.1	April 24, 1989	Release 7.0/7.1	April 24, 1989
ntp authenticate	Cisco	Cisco IOS 10	1993	Cisco IOS 10	1993
ntp authentication-key	Cisco	Cisco IOS 10	1993	Cisco IOS 10	1993

HIGHLY CONFIDENTIAL – ATTORNEYS EYES ONLY

HIGHLY CONFIDENTIAL – ATTORNEYS EYES ONLY

Command Expression	Author/Originator Information	Earliest Known Document	Date of Earliest Known Document	First Operating System	First Distribution Date
ntp server	Cisco	Cisco IOS 10	1993	Cisco IOS 10	1993
ntp source	Cisco	Cisco IOS 10	1993	Cisco IOS 10	1993
ntp trusted-key	Cisco	Cisco IOS 10	1993	Cisco IOS 10	1993
passive-interface	Cisco / Kirk Lougheed	Release 7.0/7.1	April 24, 1989	Release 7.0/7.1	April 24, 1989
passive-interface (OSPFv3)	Cisco / Abhay Roy	ENG-112494 rev. B	August 31, 2001	Cisco IOS 15.1(3)S	July 25, 2011
passive-interface default	Cisco / Padma Pillay-Esnault	Source Code	November 4, 1998	Cisco IOS 12	September 1998
policy-map type control-plane	Cisco / Arun Kumar B	Source Code	September 24, 2007	NX-OS 4.0(1)	April 21, 2008
policy-map type qos	Cisco / Ramesh Kumar Chinnasamy	Source Code	January 4, 2007	NX-OS 4	April 3, 2008
port-channel load-balance	Cisco / Massimiliano Ardica, Saci Nambakkam, Edward Pham	ENG-120379	October 20, 2001	Cisco IOS 12.2(14)SX	April 14, 2003
port-channel min-links	Cisco / Dan Hall	Email	July 23, 2004	Cisco IOS 12.2(18)SX	September 12, 2005
priority-flow-control mode	Cisco / Harsha Bharadwaj	Source Code	November 7, 2012	NX-OS 5.1(1)	October 25, 2010
private-vlan	Cisco / Dan Florea	ENG-56211	January 16, 2001	Cisco IOS 12.2(14)SX	April 14, 2003
private-vlan mapping	Cisco / Dan Florea	ENG-56211	January 16, 2001	Cisco IOS 12.2(14)SX	April 14, 2003
ptp domain	Cisco / Mark Bilstad	EDCS-798937	July 23, 2009	NX-OS 5.2(1)	July 29, 2011
ptp priority1	Cisco / Tong Liu	Email	June 25, 2008	NX-OS 5.2(1)	July 29, 2011
ptp priority2	Cisco / Tong Liu	Email	June 25, 2008	NX-OS 5.2(1)	July 29, 2011
ptp sync interval	Cisco / Tong Liu	Email	June 25, 2008	NX-OS 5.2(1)	July 29, 2011
radius-server deadtime	Cisco / Bill Westfield	ENG-5571 v3	June 3, 1996	Cisco IOS 11.1	March 1996

HIGHLY CONFIDENTIAL – ATTORNEYS EYES ONLY

HIGHLY CONFIDENTIAL – ATTORNEYS EYES ONLY

Command Expression	Author/Originator Information	Earliest Known Document	Date of Earliest Known Document	First Operating System	First Distribution Date
radius-server host	Cisco / Bill Westfield	ENG-5571 v1	May 4, 1995	Cisco IOS 11.1	March 1996
radius-server key	Cisco / Bill Westfield	ENG-5571 v1	May 4, 1995	Cisco IOS 11.1	March 1996
radius-server retransmit	Cisco / Bill Westfield	ENG-5571 v1	May 4, 1995	Cisco IOS 11.1	March 1996
radius-server timeout	Cisco / Bill Westfield	ENG-5571 v1	May 4, 1995	Cisco IOS 11.1	March 1996
redundancy force-switchover	Cisco / Frederick Lewis	Email	November 13, 2000	Cisco IOS 12.0(16)ST	March 29, 2001
route-map	Cisco	Cisco IOS 10	1993	Cisco IOS 10	1993
router bgp	Cisco / Kirk Lougheed	Release 8.0	September 14, 1989	Release 8.0	September 14, 1989
router isis	Cisco	Cisco IOS 10	1993	Cisco IOS 10	1993
router ospf	Cisco	Cisco IOS 10	1993	Cisco IOS 10	1993
router rip	Cisco / Kirk Lougheed	AGS Reference Manual Rev.6.1	September 19, 1987	Cisco IOS 12.2(2)T	May 25, 2001
router-id	Cisco	Cisco IOS 12	September 1998	Cisco IOS 12.0(1)T	November 2, 1998
router-id (OSPFv3)	Cisco / Abhay Roy	ENG-112494 rev. B	July 25, 2011	Cisco IOS 15.1(3)S	July 25, 2011
routing-context vrf	Cisco / Yong Chen	Source Code	January 14, 2008	NX-OS 4.0(1)	April 21, 2008
service sequence-numbers	Cisco	Cisco IOS 12	September 1998	Cisco IOS 12	September 1998
set-overload-bit	Cisco	Cisco IOS 11.2	October 1996	Cisco IOS 11.2	October 1996
show aaa method-lists	Cisco / Jihad Sabra	Source Code	June 12, 2000	Cisco IOS 12.2(8)T	February 25, 2002
show aaa sessions	Cisco / Richard Foltak	Source Code	September 29, 2000	Cisco IOS 15.0(2)EX	June 22, 2013
show arp	Cisco / Kirk Lougheed	ASM/AGS 5.2	July 20, 1986	ASM/AGS 5.2	July 20, 1986

HIGHLY CONFIDENTIAL – ATTORNEYS EYES ONLY

HIGHLY CONFIDENTIAL – ATTORNEYS EYES ONLY

Command Expression	Author/Originator Information	Earliest Known Document	Date of Earliest Known Document	First Operating System	First Distribution Date
show bfd neighbors	Cisco	Cisco IOS 12.0(31)S	April 20, 2005	Cisco IOS 12.0(31)S	April 20, 2005
show clock	Cisco	Cisco IOS 10	1993	Cisco IOS 10	1993
show dot1q-tunnel	Cisco	Cisco IOS 12.2(14)SX	April 14, 2003	Cisco IOS 12.2(14)SX	April 14, 2003
show dot1x	Cisco / Gayatri Ramakrishnan, Satyanarayana Dillikar	ENG-70052	May 20, 2000	Cisco IOS 12.1(11)AX	May 2003
show dot1x all summary	Cisco	Cisco IOS 12.1(14)EA1	July 25, 2003	Cisco IOS 12.1(14)EA1	July 25, 2003
show dot1x statistics	Cisco / V.N. Ramesh Ponnappalli	Email	May 24, 2001	Cisco IOS 12.2(25)SEE	May 1, 2006
show environment all	Cisco	Cisco IOS 12.2(20)S2	March 16, 2004	Cisco IOS 12.2(20)S2	March 16, 2004
show environment cooling	Cisco / Iris Ataee	Source Code	June 28, 2002	Cisco IOS 12.2(14)SX	April 14, 2003
show environment power	Cisco / Sudhakar Mamillapalli	Source Code	December 18, 2007	NX-OS 4.2(1)	August 10, 2009
show environment temperature	Cisco / Cliff Sojourner	Email	February 25, 1999	Cisco IOS 12.2(14)SX	April 14, 2003
show etherchannel	Cisco	Cisco IOS 12.0(7)XE	December 27, 1999	Cisco IOS 12.0(7)XE	December 27, 1999
show hostname	Cisco / Kirk Lougheed	NX-OS 4.0(1)	April 21, 2008	NX-OS 4.0(1)	April 21, 2008
show hosts	Cisco / Kirk Lougheed	ASM/AGS User Manual v5.2	July 20, 1986	ASM/AGS 5.2	July 20, 1986
show interfaces	Cisco / Kirk Lougheed	ASM/AGS User Manual v5.2	July 20, 1986	ASM/AGS 5.2	July 20, 1986
show interfaces capabilities	Cisco	Cisco IOS 12.2(14)SX	April 14, 2003	Cisco IOS 12.2(14)SX	April 14, 2003
show interfaces description	Cisco / Jason Bos	Email	September 18, 2000	Cisco IOS 12.2(14)SX	April 14, 2003
show interfaces flowcontrol	Cisco / Shantharam Nekkar	Source Code	November 26, 2002	Cisco IOS 12.2(14)SX	April 14, 2003

HIGHLY CONFIDENTIAL – ATTORNEYS EYES ONLY

HIGHLY CONFIDENTIAL – ATTORNEYS EYES ONLY

Command Expression	Author/Originator Information	Earliest Known Document	Date of Earliest Known Document	First Operating System	First Distribution Date
show interfaces private-vlan mapping	Cisco / Dan Florea	ENG-56211	January 16, 2001	Cisco IOS 12.2(14)SX	April 14, 2003
show interfaces status	Cisco	Cisco IOS 12.2(14)SX	April 14, 2003	Cisco IOS 12.2(14)SX	April 14, 2003
show interfaces switchport	Cisco / Frederick Scott	ENG-14432	November 13, 1998	Cisco IOS 12.2(14)SX	April 14, 2003
show interfaces switchport backup	Cisco	Cisco IOS 12.2(18)SXF	September 12, 2005	Cisco IOS 12.2(18)SXF	September 12, 2005
show interfaces transceiver	Cisco / Vijay Gupta	Email	July 30, 2003	Cisco IOS 12.2(17d)SXB2	July 21, 2004
show interfaces trunk	Cisco	Cisco IOS 12.2(14)SX	April 14, 2003	Cisco IOS 12.2(14)SX	April 14, 2003
show inventory	Cisco / Phillip Remaker, Solomon Telke	EDCS-256748	December 4, 2002	Cisco IOS 12.3(4)T	November 3, 2003
show ip access-lists	Cisco / Kirk Lougheed	Cisco IOS 10.3	April 13, 1995	Cisco IOS 10.3	April 13, 1995
show ip arp	Cisco / Kirk Lougheed	Cisco IOS 9	December 1992	Cisco IOS 9	December 1992
show ip bgp	Cisco / Kirk Lougheed	Cisco IOS 10	1993	Cisco IOS 10	1993
show ip bgp community	Cisco	Cisco IOS 10.3	April 13, 1995	Cisco IOS 10.3	April 13, 1995
show ip bgp neighbors	Cisco	Cisco Release 9.1 Notes	September 1992	Release 9.1	September 1992
show ip bgp paths	Cisco	Cisco Release 9.1 Notes	September 1992	Release 9.1	September 1992
show ip bgp peer-group	Cisco	Cisco IOS 11	September 18, 1995	Cisco IOS 11	September 18, 1995
show ip bgp regexp	Cisco	Cisco IOS 10	1993	Cisco IOS 10	1993

HIGHLY CONFIDENTIAL – ATTORNEYS EYES ONLY

HIGHLY CONFIDENTIAL – ATTORNEYS EYES ONLY

Command Expression	Author/Originator Information	Earliest Known Document	Date of Earliest Known Document	First Operating System	First Distribution Date
show ip bgp summary	Cisco	Cisco Release 9.1 Notes	September 1992	Release 9.1	September 1992
show ip community-list	Cisco	Cisco IOS 11	September 18, 1995	Cisco IOS 11	September 18, 1995
show ip dhcp snooping	Cisco / Dehua Huang, Adam Sweeney, Richard Johnson	EDCS-194356 rev. A	April 29, 2002	Cisco IOS 12.2(18)SXE	April 11, 2005
show ip extcommunity-list	Cisco	Cisco IOS 12.1	March 30, 2000	Cisco IOS 12.1	March 30, 2000
show ip helper-address	Cisco / Patrick Mahan	Source Code	June 28, 2002	Cisco IOS 12.3(2)T	July 28, 2003
show ip igmp groups	Cisco	Cisco IOS 10	1993	Cisco IOS 10	1993
show ip igmp interface	Cisco	Cisco IOS 10	1993	Cisco IOS 10	1993
show ip igmp snooping	Cisco / Senthil Arunachalam	Email	August 2, 2000	Cisco IOS 12.0(5.2)WC(1)	April 2001
show ip igmp snooping groups	Cisco / Nagarani Chandika	EDCS-255281	August 18, 2003	Cisco IOS 12.4(15)T	June 29, 2007
show ip igmp snooping mrouter	Cisco / Senthil Arunachalam	Email	August 2, 2000	Cisco IOS 12.0(5.2)WC(1)	April 2001
show ip igmp snooping querier	Cisco / Nagarani Chandika	Email	February 27, 2003	NX-OS 4.0(1)	April 21, 2008
show ip interface	Cisco / Kirk Lougheed	Gateway Server Update	April 24, 1989	Release 7.0/7.1	April 24, 1989
show ip interface brief	Cisco	Cisco IOS 10	1993	Cisco IOS 10	1993
show ip mfib	Cisco	Cisco IOS XE 2.1	May 5, 2008	Cisco IOS XE 2.1	May 5, 2008
show ip mroute	Cisco	Cisco IOS 10	1993	Cisco IOS 10	1993
show ip mroute count	Cisco	Cisco IOS 10	1993	Cisco IOS 10	1993

HIGHLY CONFIDENTIAL – ATTORNEYS EYES ONLY

HIGHLY CONFIDENTIAL – ATTORNEYS EYES ONLY

Command Expression	Author/Originator Information	Earliest Known Document	Date of Earliest Known Document	First Operating System	First Distribution Date
show ip msdp mesh-group	Cisco / Dino Farinacci	Source Code	October 14, 2007	NX-OS 4.0(1)	April 21, 2008
show ip msdp peer	Cisco / David Truong	Source Code	August 9, 1999	Cisco IOS 12.0(7)T	December 13, 1999
show ip msdp rpf-peer	Cisco / Swapna Yelamanchi	Email	April 11, 2003	Cisco IOS 12.3(4)T	November 3, 2003
show ip msdp sa-cache	Cisco / David Truong	Source Code	August 9, 1999	Cisco IOS 12.0(7)T	December 13, 1999
show ip msdp summary	Cisco / David Truong	Source Code	August 9, 1999	Cisco IOS 12.0(7)T	December 13, 1999
show ip nat translations	Cisco / Andy Hefferman	Email	April 9, 1996	Cisco IOS 11.2	October 1996
show ip ospf	Cisco	Cisco IOS 10	1993	Cisco IOS 10	1993
show ip ospf border-routers	Cisco	Cisco IOS 10	1993	Cisco IOS 10	1993
show ip ospf database database-summary	Cisco	Cisco IOS 11	September 18, 1995	Cisco IOS 11	September 18, 1995
show ip ospf interface	Cisco	Cisco IOS 10	1993	Cisco IOS 10	1993
show ip ospf neighbor	Cisco	Cisco IOS 10	1993	Cisco IOS 10	1993
show ip ospf request-list	Cisco	Cisco IOS 10.2	October 4, 1994	Cisco IOS 10.2	October 4, 1994
show ip ospf retransmission-list	Cisco	Cisco IOS 10.2	October 4, 1994	Cisco IOS 10.2	October 4, 1994
show ip pim interface	Cisco	Cisco IOS 10	1993	Cisco IOS 10	1993
show ip pim neighbor	Cisco	Cisco IOS 10	1993	Cisco IOS 10	1993
show ip pim rp	Cisco	Cisco IOS 10.2	October 4, 1994	Cisco IOS 10.2	October 4, 1994
show ip pim rp-hash	Cisco / Liming Wei	ENG-12945	April 3, 1997	Cisco IOS 11.3T	December 15, 1997
show ip prefix-list	Cisco / Enke Chen	Source Code	December 17, 1997	Cisco IOS 12	September 1998
show ip rip database	Dawn Shauming Li	Email	May 4, 1998	Cisco IOS 12.0(6)T	September 20, 1999

HIGHLY CONFIDENTIAL – ATTORNEYS EYES ONLY

HIGHLY CONFIDENTIAL – ATTORNEYS EYES ONLY

Command Expression	Author/Originator Information	Earliest Known Document	Date of Earliest Known Document	First Operating System	First Distribution Date
show ip rip neighbors	Cisco	Cisco IOS XE 3.3	March 30, 2011	Cisco IOS XE 3.3	March 30, 2011
show ip route	Cisco	Gateway Server Update	April 24, 1989	Gateway Server Update	1992-1995
show ip route summary	Cisco	Cisco IOS 10	1993	Cisco IOS 10	1993
show ip route tag	Cisco / B. Divakaran	EDCS-1032802	July 5, 2011	Cisco IOS 15.2(2)S	March 30, 2012
show ipv6 access-list	Cisco / Ole Troan	ENG-66740, Email	February 4, 2000	Cisco IOS 12.2(2)T	May 25, 2001
show ipv6 bgp	Cisco / Dhananjaya Rao	Source Code	December 22, 2005	NX-OS 4.0(1)	April 21, 2008
show ipv6 bgp community	Cisco / Nataraj Bachthu	Source Code	April 29, 2005	NX-OS 4.0(1)	April 21, 2008
show ipv6 bgp neighbors	Cisco / Nataraj Bachthu	Source Code	April 29, 2005	NX-OS 4.0(1)	April 21, 2008
show ipv6 bgp summary	Cisco / Nataraj Bachthu	Source Code	April 29, 2005	NX-OS 4.0(1)	April 21, 2008
show ipv6 interface	Cisco / Pedro Marques,Ole Troan	ENG-66740, Email, Change logs	May 14, 1997	Cisco IOS 12.2(2)T	May 25, 2001
show ipv6 neighbors	Cisco / Pedro Marques, Ole Troan	ENG-66740, Email, Change logs	May 14, 1997	Cisco IOS 12.2(2)T	May 25, 2001
show ipv6 ospf	Cisco / Abhay Roy	Source Code	June 4 2001	Cisco IOS 12.0(24)S	August 26, 2003
show ipv6 ospf border-routers	Cisco / Abhay Roy	ENG-112494 rev. B	August 31, 2001	Cisco IOS 12.0(24)S	August 26, 2003
show ipv6 ospf interface	Cisco / Abhay Roy	ENG-112494 rev. B	August 31, 2001	Cisco IOS 12.0(24)S	August 26, 2003
show ipv6 ospf neighbor	Cisco / Abhay Roy	ENG-112494 rev. B	August 31, 2001	Cisco IOS 12.0(24)S	August 26, 2003

HIGHLY CONFIDENTIAL – ATTORNEYS EYES ONLY

HIGHLY CONFIDENTIAL – ATTORNEYS EYES ONLY

Command Expression	Author/Originator Information	Earliest Known Document	Date of Earliest Known Document	First Operating System	First Distribution Date
show ipv6 prefix-list	Cisco / Ole Troan, Abhay Roy	ENG-66740 Change log	June 21, 2000	Cisco IOS 12.2(2)T	May 25, 2001
show ipv6 route	Cisco / Pedro Marques, Ole Troan	ENG-66740, Email, Change logs	May 14, 1997	Cisco IOS 12.2(2)T	May 25, 2001
show ipv6 route summary	Cisco / Pedro Marques,Ole Troan	ENG-66740, Email, Change logs	May 14, 1997	Cisco IOS 12.2(2)T	May 25, 2001
show ipv6 route tag	Cisco / Ole Troan	Email	February 4, 2000	Cisco IOS 15.2(2)S	March 30, 2012
show isis database	Cisco	Cisco IOS 10	1993	Cisco IOS 10	1993
show isis interface	Cisco / Nataraj Bachthu	Source Code, EDCS-519464	April 29, 2005	NX-OS 4.0(1)	April 21, 2008
show isis topology	Cisco / David Truong	Source Code	May 24, 1999	Cisco IOS 12.0(26)S	August 26, 2003
show lacp counters	Cisco / Massimiliano Ardica, Saci Nambakkam, Edward Pham	ENG-120379	October 20, 2001	NX-OS 4	April 3, 2008
show lacp interface	Cisco / Pirabhu Raman, Fritz Budiyanto, and Arjit Ory	Source code	December 28, 2007	NX-OS 4	April 3, 2008
show lacp neighbor	Cisco / Massimiliano Ardica, Saci Nambakkam, Edward Pham	ENG-120379	October 20, 2001	NX-OS 4	April 3, 2008
show link state group	Cisco / Yogesh Kaushik	Email	October 29, 2004	Cisco IOS 15.1(1)S	November 23, 2010
show lldp	Cisco / Devadas Patil	Email	December 27, 2005	Cisco IOS 12.2(33)SXH	August 21, 2007

HIGHLY CONFIDENTIAL – ATTORNEYS EYES ONLY

HIGHLY CONFIDENTIAL – ATTORNEYS EYES ONLY

Command Expression	Author/Originator Information	Earliest Known Document	Date of Earliest Known Document	First Operating System	First Distribution Date
show lldp neighbors	Cisco / Devadas Patil	Email	December 27, 2005	Cisco IOS 12.2(33)SXH	August 21, 2007
show lldp traffic	Cisco / Devadas Patil	Email	December 27, 2005	Cisco IOS 12.2(33)SXH	August 21, 2007
show mac access-lists	Cisco	NX-OS 4.0(1)	April 21, 2008	NX-OS 4.0(1)	April 21, 2008
show mac-address-table	Cisco / Ramesh Santhanakrishnan	Source Code	July 9, 2000	Cisco IOS 11.2(8)SA3	1997- 2002
show mac-address-table aging time	Cisco / Alan Liebthal	Email	May 19, 1998	Cisco IOS 11.2(8)SA3	1997- 2002
show mac-address-table count	Cisco / Ramesh Santhanakrishnan	Source Code	July 9, 2000	Cisco IOS 11.2(8)SA3	1997- 2002
show module	Cisco	Cisco IOS 12.2(14)SX	April 14, 2003	Cisco IOS 12.2(14)SX	April 14, 2003
show monitor session	Cisco	Cisco IOS 12.2(14)SX	April 14, 2003	Cisco IOS 12.2(14)SX	April 14, 2003
show ntp associations	Cisco	Cisco IOS 10	1993	Cisco IOS 10	1993
show ntp status	Cisco	Cisco IOS 10	1993	Cisco IOS 10	1993
show policy-map control-plane	Cisco / Wayne Ogozaly, Mike Keohane, Chuck Smethurst, Rajiv Raghunarayan	Email EDCS-216047	December 16, 2002	Cisco IOS 12.2(18)S	August 21, 2003
show policy-map interface	Cisco / David Truong	Source Code	May 25, 1999	Cisco IOS 12.0(5)T	July 27, 1999
show policy-map interface control-plane	Cisco / Vikas Gupta	Source Code	January 8, 2008	NX-OS 6.2(2)	August 22, 2013
show port-channel summary	Cisco / Yiqing Zhu	Source Code	September 5, 2007	NX-OS 4	April 3, 2008
show port-channel traffic	Cisco / Yiqing Zhu	Source Code	December 4, 2007	NX-OS 4	April 3, 2008
show port-security	Cisco	Cisco IOS 12.2(14)SX	April 14, 2003	Cisco IOS 12.2(14)SX	April 14, 2003
show port-security address	Cisco / Shantharam Nekkar	Source Code	November 26, 2002	Cisco IOS 12.2(18)SXE	April 11, 2005

HIGHLY CONFIDENTIAL – ATTORNEYS EYES ONLY

HIGHLY CONFIDENTIAL – ATTORNEYS EYES ONLY

Command Expression	Author/Originator Information	Earliest Known Document	Date of Earliest Known Document	First Operating System	First Distribution Date
show port-security interface	Cisco	Cisco IOS 12.2(14)SX	April 14, 2003	Cisco IOS 12.2(14)SX	April 14, 2003
show privilege	Cisco	Cisco IOS 10.3	April 13, 1995	Cisco IOS 10.3	April 13, 1995
show ptpt clock	Cisco / Tong Liu	Email	June 25, 2008	NX-OS 5.2(1)	July 29, 2011
show ptpt parent	Cisco / Tong Liu	Email	June 25, 2008	NX-OS 5.2(1)	July 29, 2011
show ptpt time-property	Cisco / Rohit Watve	Source Code	October 12, 2009	NX-OS 5.2(1)	July 29, 2011
show qos maps	Cisco / David Truong	Source Code	December 20, 2001	Cisco IOS 12.1(8a)EW	January 16, 2002
show radius	Cisco / Gopala Andagunda , Vijay Kumar Jayarama, Reji Thomas	Source Code	November 15, 2006	NX-OS 4.0(1)	April 21, 2008
show redundancy states	Cisco	Source Code, ENG-79660	September 25, 2000	Cisco IOS 12.2(20)S	October 29, 2003
show reload	Cisco	Cisco IOS 11.2	October 1996	Cisco IOS 11.2	October 1996
show role	Cisco / Damon Jo	Source Code	August 24, 2007	NX-OS 4.0(1)	April 21, 2008
show route-map	Cisco	Cisco IOS 10	1993	Cisco IOS 10	1993
show snmp	Cisco / Robert Snyder	Source Code	August 4, 1992	Cisco IOS 10	1993
show snmp chassis	Cisco	Cisco IOS 12.4(12)T	June 29, 2007	Cisco IOS 12.4(12)T	June 29, 2007
show snmp community	Cisco	Cisco IOS 12.4(12)T	June 29, 2007	Cisco IOS 12.4(12)T	June 29, 2007
show snmp contact	Cisco / Divyavathi Paniyoor	Source Code	April 6, 2005	Cisco IOS 12.4(12)T	June 29, 2007
show snmp engineID	Cisco / R. Kavasseri	ENG-28473 rev.B; Email	October 19, 1998	Cisco IOS 12.0(3)T	January 21, 1999
show snmp group	Cisco / R. Kavasseri	ENG-26165	August 5, 1998	Cisco IOS 12.0(3)T	January 21, 1999

HIGHLY CONFIDENTIAL – ATTORNEYS EYES ONLY

HIGHLY CONFIDENTIAL – ATTORNEYS EYES ONLY

Command Expression	Author/Originator Information	Earliest Known Document	Date of Earliest Known Document	First Operating System	First Distribution Date
show snmp host	Cisco / R. Kavasseri	ENG-28473 rev.B; Email	October 19, 1998	Cisco IOS 12.4(12)T	June 29, 2007
show snmp location	Cisco / Divyavathi Paniyoor	Source Code	April 6, 2005	Cisco IOS 12.4(12)T	June 29, 2007
show snmp mib	Cisco	Cisco IOS 12.2(2)T	May 25, 2001	Cisco IOS 12.2(2)T	May 25, 2001
show snmp source-interface	Cisco / Gowtham Krishna Bollina	Source Code	December 1, 2008	NX-OS 4.2(1)	August 10, 2009
show snmp trap	Cisco / Rajeeva Narayanaswamy	Source Code	January 24, 2008	NX-OS 4.0(1)	April 21, 2008
show snmp user	Cisco / R. Kavasseri	ENG-26165	August 5, 1998	Cisco IOS 12.0(3)T	January 21, 1999
show snmp view	Cisco / David Truong	Source Code	August 27, 1999	Cisco IOS 12.4(2)T	June 27, 2005
show spanning-tree	Cisco	Cisco IOS 12.0(1)T	November 2, 1998	Cisco IOS 12.0(1)T	November 2, 1998
show spanning-tree blockedports	Cisco / Tameen Khan	Source Code	December 11, 2006	NX-OS 4	April 3, 2008
show spanning-tree bridge	Cisco / Tameen Khan	Source Code	December 11, 2006	NX-OS 4	April 3, 2008
show spanning-tree interface	Cisco / Christian Benvenuti	ENG-103148	May 16, 2001	NX-OS 4	April 3, 2008
show spanning-tree mst	Cisco/ Christian Benvenuti	ENG-103148	May 16, 2001	Cisco IOS 12.2(14)SX	April 14, 2003
show spanning-tree mst configuration	Cisco/ Christian Benvenuti	ENG-103148	May 16, 2001	NX-OS 4	April 3, 2008
show spanning-tree mst interface	Cisco/ Christian Benvenuti	ENG-103148	May 16, 2001	NX-OS 4	April 3, 2008
show spanning-tree root	Cisco / Tameen Khan	Source Code	November 2, 2005	NX-OS 4	April 3, 2008
show storm-control	Cisco / Wenhui Zhao	Source Code	July 3, 2001	Cisco IOS 12.2(2)XT	December 3, 2001
show tacacs	Laurence Grant	Email	February 10, 1996	Cisco IOS 11.2	October 1996
show track	Cisco	Cisco IOS 12.2(15)T	March 17, 2003	Cisco IOS 12.2(15)T	March 17, 2003

HIGHLY CONFIDENTIAL – ATTORNEYS EYES ONLY

HIGHLY CONFIDENTIAL – ATTORNEYS EYES ONLY

Command Expression	Author/Originator Information	Earliest Known Document	Date of Earliest Known Document	First Operating System	First Distribution Date
show user-account	Cisco / Gopala Andagunda	Source Code	July 16, 2007	NX-OS 4.0(1)	April 21, 2008
show users	Cisco / Kirk Lougheed	ASM/AGS User Manual v5.2	July 20, 1986	ASM/AGS 5.2	July 20, 1986
show version	Cisco	Cisco IOS 9	December 1992	Cisco IOS 9	December 1992
show vlan	Cisco / Frederick Scott	ENG-14432	November 13, 1998	Cisco IOS 12.2(14)SX	April 14, 2003
show vlan internal usage	Cisco / Weng Hong Chan	Email	November 13, 2001	Cisco IOS 12.2(14)SX	April 14, 2003
show vlan private-vlan	Cisco / Dan Florea	ENG-56211	January 16, 2001	Cisco IOS 12.2(14)SX	April 14, 2003
show vlan summary	Cisco / Weng Hong Chan	Email	November 13, 2001	NX-OS 4	April 3, 2008
show vrf	Cisco / Luc Revardel	Email	September 1, 2004	Cisco IOS 12.2(33)SRB	February 28, 2007
show vrrp	Cisco / Graham Critchfield	ENG-67758 v1	June 9, 2000	Cisco IOS 12.0(18)ST	June 4, 2001
snmp trap link-status	Cisco	Cisco IOS 10	1993	Cisco IOS 10	1993
snmp-server chassis-id	Cisco	Cisco IOS 10	1993	Cisco IOS 10	1993
snmp-server community	Cisco / Greg Satz	Gateway Server Update	April 24, 1989	Release 7.0/7.1	April 24, 1989
snmp-server contact	Cisco	Cisco IOS 10	1993	Cisco IOS 10	1993
snmp-server enable traps	Cisco	Cisco IOS 10.3	April 13, 1995	Cisco IOS 10.3	April 13, 1995
snmp-server engineID local	Cisco / R. Kavasseri	ENG-28473 rev.B; Email	October 19, 1998	Cisco IOS 12.0(3)T	January 21, 1999
snmp-server engineID remote	Cisco / R. Kavasseri	ENG-28473 rev.B; Email	October 19, 1998	Cisco IOS 12.0(3)T	January 21, 1999

HIGHLY CONFIDENTIAL – ATTORNEYS EYES ONLY

HIGHLY CONFIDENTIAL – ATTORNEYS EYES ONLY

Command Expression	Author/Originator Information	Earliest Known Document	Date of Earliest Known Document	First Operating System	First Distribution Date
snmp-server group	Cisco	Cisco IOS 11.(3)T	December 15, 1997	Cisco IOS 11.(3)T	December 15, 1997
snmp-server host	Cisco / Greg Satz	Gateway Server Update	April 24, 1989	Release 7.0/7.1	April 24, 1989
snmp-server location	Cisco	Cisco IOS 10	1993	Cisco IOS 10	1993
snmp-server source-interface	Cisco / Bruce Pinsky	Email	August 3, 2004	Cisco IOS 12.2(18)SXB2	March 2004-September 2006
snmp-server user	Cisco / R. Kavasseri	ENG-26165	August 5, 1998	Cisco IOS 12.0(3)T	January 21, 1999
snmp-server view	Cisco	Cisco IOS 10	1993	Cisco IOS 10	1993
spanning-tree bpdufilter	Cisco / Christian Benvenuti	ENG-103148	May 16, 2001	Cisco IOS 12.2(14)SX	April 14, 2003
spanning-tree bpduguard	Cisco / Christian Benvenuti	ENG-103148	May 16, 2001	Cisco IOS 12.2(14)SX	April 14, 2003
spanning-tree bridge assurance	Cisco / Patnala Rao	Source Code	October 16, 2007	Cisco IOS 12.2(33)SXI	November 11, 2008
spanning-tree cost	Cisco	Cisco IOS 12.0(7)XE	December 27, 1999	Cisco IOS 12.0(7)XE	December 27, 1999
spanning-tree guard	Cisco / Christian Benvenuti	ENG-103148	May 16, 2001	Cisco IOS 12.2(14)SX	April 14, 2003
spanning-tree link-type	Cisco / Christian Benvenuti	ENG-103148	May 16, 2001	Cisco IOS 12.2(14)SX	April 14, 2003
spanning-tree loopguard default	Cisco	Email ENG-103148	September 26, 2001	Cisco IOS 12.2(14)SX	April 14, 2003
spanning-tree mode	Cisco / Bill Rainey	ENG-56419	July 17, 2000	Cisco IOS 12.2(14)SX	April 14, 2003
spanning-tree mst configuration	Cisco / Francois Tallet	Email	July 23, 2001	Cisco IOS 12.2(14)SX	April 14, 2003
spanning-tree portfast bpdufilter default	Cisco / Christian Benvenuti	ENG-103148	May 16, 2001	Cisco IOS 12.2(14)SX	April 14, 2003
spanning-tree portfast bpduguard default	Cisco / Christian Benvenuti	ENG-103148	May 16, 2001	Cisco IOS 12.2(14)SX	April 14, 2003

HIGHLY CONFIDENTIAL – ATTORNEYS EYES ONLY

HIGHLY CONFIDENTIAL – ATTORNEYS EYES ONLY

Command Expression	Author/Originator Information	Earliest Known Document	Date of Earliest Known Document	First Operating System	First Distribution Date
spanning-tree port-priority	Cisco	Cisco IOS 12.0(7)XE	December 27, 1999	Cisco IOS 12.0(7)XE	December 27, 1999
spanning-tree transmit hold-count	Cisco / Francois Tallet	Email	February 18, 2005	Cisco IOS 12.2(18)SX	September 12, 2005
spanning-tree vlan	Cisco	Cisco IOS 12.0(7)XE	December 27, 1999	Cisco IOS 12.0(7)XE	December 27, 1999
spf-interval	Cisco	Cisco IOS 10.3	April 13, 1995	Cisco IOS 10.3	April 13, 1995
statistics per-entry	Cisco / Rituparna Agrawal	Source Code	April 29, 2005	NX-OS 4.0(1)	April 21, 2008
storm-control	Cisco / Eleza Chang	Email	July 18, 2001	Cisco IOS 12.2(2)XT	December 3, 2001
switchport access vlan	Cisco / Frederick Scott	ENG-14432	November 13, 1998	Cisco IOS 12.2(14)SX	April 14, 2003
switchport backup interface	Cisco / Adam Sweeney	Email	April 7, 2004	Cisco IOS 12.2(18)SX	September 12, 2005
switchport mode	Cisco / Rick Pratt	Email	May 11, 1998	Cisco IOS 12.0(7)XE	December 27, 1999
switchport port-security	Cisco / Jimit Mehta	Email	August 9, 2001	Cisco IOS 12.2(14)SX	April 14, 2003
switchport port-security maximum	Cisco / Jimit Mehta	Email	August 9, 2001	Cisco IOS 12.2(14)SX	April 14, 2003
switchport private-vlan mapping	Cisco / Dan Florea	ENG-56211	January 16, 2001	Cisco IOS 12.2(14)SX	April 14, 2003
switchport trunk allowed vlan	Cisco / Frederick Scott	ENG-14432	November 13, 1998	Cisco IOS 12.0(7)XE	December 27, 1999
switchport trunk native vlan	Cisco / Frederick Scott	ENG-14432	November 13, 1998	Cisco IOS 12.0(7)XE	December 27, 1999
switchport vlan mapping	Cisco / Pan Chun Wen	Email	February 6, 2003	Cisco IOS 12.2(17b)SX	December 31, 2003
tacacs-server host	Cisco / Greg Satz	Terminal Server Update	April 24, 1989	Release 7.0/7.1	April 24, 1989
tacacs-server key	Cisco	Cisco IOS 11.1	March 1996	Cisco IOS 11.1	March 1996

HIGHLY CONFIDENTIAL – ATTORNEYS EYES ONLY

HIGHLY CONFIDENTIAL – ATTORNEYS EYES ONLY

Command Expression	Author/Originator Information	Earliest Known Document	Date of Earliest Known Document	First Operating System	First Distribution Date
tacacs-server timeout	Cisco / Greg Satz	Release 8.0 Beta Notes	September 14, 1989	Release 7.0/7.1	April 24, 1989
terminal length	Cisco / Kirk Lougheed	ASM/AGS User Manual v5.2	July 20, 1986	ASM/AGS 5.2	July 20, 1986
terminal monitor	Cisco / Greg Satz	Gateway Server Reference Manual Rev. B	January 10, 1988	Release 8.0	September 14, 1989
timers basic (RIP)	Cisco / Kirk Lougheed	Release 8.0 Beta Notes	September 14, 1989	Release 8.0	September 14, 1989
timers bgp	Cisco	Cisco IOS 10	1993	Cisco IOS 10	1993
timers lsa arrival	Cisco	Cisco IOS 12.0(24)S	August 26, 2003	Cisco IOS 12.0(24)S	August 26, 2003
timers throttle lsa all	Cisco	Cisco IOS 12.0(24)S	August 26, 2003	Cisco IOS 12.0(24)S	August 26, 2003
timers throttle spf	Cisco / George Millard	Source Code	March 27, 2002	Cisco IOS 12.2(14)S	January 30, 2003
username sshkey	Cisco / Nataraj Bachthu	Source Code	April 29, 2005	NX-OS 4.1(2)	December 18, 2008
vlan internal allocation policy	Cisco / Weng Hong Chan	Email	June 26, 2002	Cisco IOS 12.2(14)SX	April 14, 2003
vrf definition	Cisco / Luc Revardel	Email	August 31, 2004	Cisco IOS 12.2(33)SRB	February 28, 2007
vrf forwarding	Cisco	Cisco IOS 12.2(33)SRB	February 28, 2007	Cisco IOS 12.2(33)SRB	February 28, 2007
vrrp authentication	Cisco / Graham Critchfield	ENG-67758 v1	June 9, 2000	Cisco IOS 12.0(18)ST	June 4, 2001
vrrp delay reload	Cisco	Cisco IOS XE 2.6	February 26, 2010	Cisco IOS XE 2.6	February 26, 2010
vrrp description	Cisco	Cisco IOS 12.0(18)ST	June 4, 2001	Cisco IOS 12.0(18)ST	June 4, 2001

HIGHLY CONFIDENTIAL – ATTORNEYS EYES ONLY

HIGHLY CONFIDENTIAL – ATTORNEYS EYES ONLY

Command Expression	Author/Originator Information	Earliest Known Document	Date of Earliest Known Document	First Operating System	First Distribution Date
vrrp ip	Cisco / Graham Critchfield	ENG-67758 v1	June 9, 2000	Cisco IOS 12.0(18)ST	June 4, 2001
vrrp ip secondary	Cisco / Graham Critchfield	ENG-67758 v1	June 9, 2000	Cisco IOS 12.0(18)ST	June 4, 2001
vrrp preempt	Cisco / Graham Critchfield	ENG-67758 v1	June 9, 2000	Cisco IOS 12.0(18)ST	June 4, 2001
vrrp priority	Cisco / Graham Critchfield	ENG-67758 v1	June 9, 2000	Cisco IOS 12.0(18)ST	June 4, 2001
vrrp shutdown	Cisco	Cisco IOS 12.3(11)T	September 20, 2004	Cisco IOS 12.3(11)T	September 20, 2004
vrrp timers advertise	Cisco / Graham Critchfield	ENG-67758 v1	June 9, 2000	Cisco IOS 12.0(18)ST	June 4, 2001
vrrp track	Cisco / Graham Critchfield	ENG-67758 v1	June 9, 2000	Cisco IOS 12.3(2)T	July 28, 2003

HIGHLY CONFIDENTIAL – ATTORNEYS EYES ONLY